

SEQUENCE LISTING

<110> Hayden, Michael R.
Brooks-Wilson, Angela R.

<120> METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS

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<151> 2000-03-15

<150> 60/124,702

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<150> 60/138,048

<151> 1999-06-08

<150> 60/139,600

<151> 1999-06-17

<150> 60/151,977

<151> 1999-09-01

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<170> PatentIn 3.0

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Leu Phe Ile Phe Leu Ile Leu Ile Ser Val Arg Leu Ser Tyr Pro Pro
      35             40             45
Tyr Glu Gln His Glu Cys His Phe Pro Asn Lys Ala Met Pro Ser Ala
      50             55             60
Gly Thr Leu Pro Trp Val Gln Gly Ile Ile Cys Asn Ala Asn Asn Pro
65             70             75             80
Cys Phe Arg Tyr Pro Thr Pro Gly Glu Ala Pro Gly Val Val Gly Asn
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Phe Asn Lys Ser Ile Val Ala Arg Leu Phe Ser Asp Ala Arg Arg Leu
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Leu Leu Tyr Ser Gln Lys Asp Thr Ser Met Lys Asp Met Arg Lys Val
      115            120            125
Leu Arg Thr Leu Gln Gln Ile Lys Lys Ser Ser Ser Asn Leu Lys Leu
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Gln Asp Phe Leu Val	Asp Asn Glu Thr Phe Ser Gly Phe Leu Tyr His													
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Asn Leu Ser Leu Pro	Lys Ser Thr Val Asp Lys Met Leu Arg Ala Asp													
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Val Ile Leu His Lys	Val Phe Leu Gln Gly Tyr Gln Leu His Leu Thr													
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Ser Leu Cys Asn Gly	Ser Lys Ser Glu Glu Met Ile Gln Leu Gly Asp													
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Gln Glu Val Ser Glu	Leu Cys Gly Leu Pro Arg Glu Lys Leu Ala Ala													
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Ala Glu Arg Val Leu	Arg Ser Asn Met Asp Ile Leu Lys Pro Ile Leu													
225				230										240
Arg Thr Leu Asn Ser	Thr Ser Pro Phe Pro Ser Lys Glu Leu Ala Glu													
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Ala Thr Lys Thr Leu	Leu His Ser Leu Gly Thr Leu Ala Gln Glu Leu													
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Phe Ser Met Arg Ser	Trp Ser Asp Met Arg Gln Glu Val Met Phe Leu													
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Thr Asn Val Asn Ser	Ser Ser Ser Ser Thr Gln Ile Tyr Gln Ala Val													
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Ser Leu Asn Trp Tyr	Glu Asp Asn Asn Tyr Lys Ala Leu Phe Gly Gly													
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Asn Gly Thr Glu Glu	Asp Ala Glu Thr Phe Tyr Asp Asn Ser Thr Thr													
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Pro Tyr Cys Asn Asp	Leu Met Lys Asn Leu Glu Ser Ser Pro Leu Ser													
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Arg Ile Ile Trp Lys	Ala Leu Lys Pro Leu Leu Val Gly Lys Ile Leu													
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Tyr Thr Pro Asp Thr	Pro Ala Thr Arg Gln Val Met Ala Glu Val Asn													
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Lys Thr Phe Gln Glu	Leu Ala Val Phe His Asp Leu Glu Gly Met Trp													
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Met Asp Leu Val Arg	Met Leu Leu Asp Ser Arg Asp Asn Asp His Phe													
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Trp Glu Gln Gln Leu	Asp Gly Leu Asp Trp Thr Ala Gln Asp Ile Val													
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Val Tyr Thr Trp Arg	Glu Ala Phe Asn Glu Thr Asn Gln Ala Ile Arg													
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Glu Arg Lys Phe Trp	Ala Gly Ile Val Phe Thr Gly Ile Thr Pro Gly													
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Asp Asn Val Glu Arg	Thr Asn Lys Ile Lys Asp Gly Tyr Trp Asp Pro													
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Gly Pro Arg Ala Asp	Pro Phe Glu Asp Met Arg Tyr Val Trp Gly Gly													
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Phe	Ala	Tyr	Leu	Gln	Asp	Val	Val	Glu	Gln	Ala	Ile	Ile	Arg	Val	Leu
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Ile	Tyr	Phe	Thr	Leu	Tyr	Leu	Pro	Tyr	Val	Leu	Cys	Val	Ala	Trp	Gln
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Gly	Ile	Gly	Val	Gln	Trp	Asp	Asn	Leu	Phe	Glu	Ser	Pro	Val	Glu	Glu
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Phe	Leu	Tyr	Gly	Val	Met	Thr	Trp	Tyr	Ile	Glu	Ala	Val	Phe	Pro	Gly
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Ile Ser Asp Tyr Leu Val Lys Thr Tyr Val Gln Ile Ile Ala Lys Ser	1505	1510	1515	1520
Leu Lys Asn Lys Ile Trp Val Asn Glu Phe Arg Tyr Gly Gly Phe Ser		1525	1530	1535
Leu Gly Val Ser Asn Thr Gln Ala Leu Pro Pro Ser Gln Glu Val Asn	1540		1545	1550
Asp Ala Ile Lys Gln Met Lys Lys His Leu Lys Leu Ala Lys Asp Ser	1555	1560		1565
Ser Ala Asp Arg Phe Leu Asn Ser Leu Gly Arg Phe Met Thr Gly Leu	1570	1575	1580	
Asp Thr Arg Asn Asn Val Lys Val Trp Phe Asn Asn Lys Gly Trp His	1585	1590	1595	1600
Ala Ile Ser Ser Phe Leu Asn Val Ile Asn Asn Ala Ile Leu Arg Ala		1605	1610	1615
Asn Leu Gln Lys Gly Glu Asn Pro Ser His Tyr Gly Ile Thr Ala Phe	1620		1625	1630
Asn His Pro Leu Asn Leu Thr Lys Gln Gln Leu Ser Glu Val Ala Leu	1635	1640		1645
Met Thr Thr Ser Val Asp Val Leu Val Ser Ile Cys Val Ile Phe Ala	1650	1655	1660	
Met Ser Phe Val Pro Ala Ser Phe Val Val Phe Leu Ile Gln Glu Arg	1665	1670	1675	1680
Val Ser Lys Ala Lys His Leu Gln Phe Ile Ser Gly Val Lys Pro Val		1685	1690	1695
Ile Tyr Trp Leu Ser Asn Phe Val Trp Asp Met Cys Asn Tyr Val Val	1700	1705		1710
Pro Ala Thr Leu Val Ile Ile Ile Phe Ile Cys Phe Gln Gln Lys Ser	1715	1720		1725
Tyr Val Ser Ser Thr Asn Leu Pro Val Leu Ala Leu Leu Leu Leu Leu	1730	1735	1740	
Tyr Gly Trp Ser Ile Thr Pro Leu Met Tyr Pro Ala Ser Phe Val Phe	1745	1750	1755	1760
Lys Ile Pro Ser Thr Ala Tyr Val Val Leu Thr Ser Val Asn Leu Phe		1765	1770	1775
Ile Gly Ile Asn Gly Ser Val Ala Thr Phe Val Leu Glu Leu Phe Thr	1780	1785		1790
Asp Asn Lys Leu Asn Asn Ile Asn Asp Ile Leu Lys Ser Val Phe Leu	1795	1800		1805
Ile Phe Pro His Phe Cys Leu Gly Arg Gly Leu Ile Asp Met Val Lys	1810	1815	1820	
Asn Gln Ala Met Ala Asp Ala Leu Glu Arg Phe Gly Glu Asn Arg Phe	1825	1830	1835	1840
Val Ser Pro Leu Ser Trp Asp Leu Val Gly Arg Asn Leu Phe Ala Met		1845	1850	1855
Ala Val Glu Gly Val Val Phe Phe Leu Ile Thr Val Leu Ile Gln Tyr	1860		1865	1870
Arg Phe Phe Ile Arg Pro Arg Pro Val Asn Ala Lys Leu Ser Pro Leu	1875	1880		1885
Asn Asp Glu Asp Glu Asp Val Arg Arg Glu Arg Gln Arg Ile Leu Asp	1890	1895	1900	
Gly Gly Gly Gln Asn Asp Ile Leu Glu Ile Lys Glu Leu Thr Lys Ile	1905	1910	1915	1920
Tyr Arg Arg Lys Arg Lys Pro Ala Val Asp Arg Ile Cys Val Gly Ile		1925	1930	1935
Pro Pro Gly Glu Cys Phe Gly Leu Leu Gly Val Asn Gly Ala Gly Lys	1940	1945		1950
Ser Ser Thr Phe Lys Met Leu Thr Gly Asp Thr Thr Val Thr Arg Gly				

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His Gln Asn Met Gly Tyr Cys Pro Gln Phe Asp Ala Ile Thr Glu Leu		
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Leu Thr Gly Arg Glu His Val Glu Phe Phe Ala Leu Leu Arg Gly Val		2000
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Asn Lys Arg Lys Leu Ser Thr Ala Met Ala Leu Ile Gly Gly Pro Pro		
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Val Val Phe Leu Asp Glu Pro Thr Thr Gly Met Asp Pro Lys Ala Arg		
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Arg Met Ala Ile Met Val Asn Gly Arg Phe Arg Cys Leu Gly Ser Val		
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Gln His Leu Lys Asn Arg Phe Gly Asp Gly Tyr Thr Ile Val Val Arg		
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Ile Ala Gly Ser Asn Pro Asp Leu Lys Pro Val Gln Asp Phe Phe Gly		
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Leu Ala Phe Pro Gly Ser Val Leu Lys Glu Lys His Arg Asn Met Leu		
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Gln Tyr Gln Leu Pro Ser Ser Leu Ser Ser Leu Ala Arg Ile Phe Ser		
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